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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known	
Application Number	10/680,011
Filing Date	October 6, 2003
First Named Inventor	Kazutoshi Kaizuka
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	45144-00049

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
JP		US- D253,973	1/15/1980	Rosse	
		US- D309,354	7/17/1990	Rizzuto et al.	
		US- D411,333	6/22/1999	Smal	
		US- D424,742	5/9/2000	Hirata	
		US- 236,522	1/11/1881	Wilson	
		US- 278,944	6/5/1883	Hauce	
		US- 294,309	2/26/1884	Campbell	
		US- 1,455,696	5/15/1923	Wright	
		US- 2,155,282	4/18/1939	Schoenling	
		US- 3,228,845	1/11/1966	Najjar	
		US- 3,613,143	10/19/1971	Muhler et al.	
		US- 3,618,154	11/9/1971	Muhler et al.	
		US- 3,703,766	11/28/1972	Tibbals	
		US- 4,035,865	7/19/1977	McRae et al.	
		US- 4,143,126	3/6/1979	Gaffar	
		US- 4,151,850	5/1/1979	Nathe et al.	
		US- 4,242,567	12/30/1980	Carter	
		US- 4,477,716	10/16/1984	Thaler et al.	
JH		US- 4,500,939	2/19/1985	Gueret	

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Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T[6]
JH		DE 19711676 A1	9/24/1998	Kim		
		DE 3120576 A1	1/5/1983	Segner		
		DE 19803175 A1	7/29/1999	Technomed Gesellschaft		
		EP 0 077600 A2	4/27/1983	Takimae		
		EP 1 086634 A1	3/28/2001	Create Co., Ltd		
JH		EP 0 0160320 A2	11/6/1985	E.I. Du Pont		

Examiner Signature		Date Considered	2/9/06

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Sheet 2 of 4

Complete if Known	
Application Number	10/680,011
Filing Date	October 6, 2003
First Named Inventor	Kazutoshi Kaizuka
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	45144-00049

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		US- 4,549,560	10/29/1985	Andis	
		US- 4,567,904	2/4/1986	Pitcher et al.	
		US- 4,610,925	9/9/1986	Bond	
		US- 4,739,151	4/19/1988	Smal	
		US- 4,740,669	4/26/1988	Takimae	
		US- 4,886,972	12/12/1989	Nakai et al.	
		US- 4,917,078	4/17/1990	Zaborowski	
		US- 5,056,227	10/15/1991	Kramer	
		US- 5,124,143	6/23/1992	Muhlemann et al.	
		US- 5,224,397	7/6/1993	Yoo	
		US- 5,266,304	11/30/1993	Baffelli et al.	
		US- 5,357,988	10/25/1994	Nakamura	
		US- 5,531,675	7/2/1996	Yoo	
		US- 5,787,525	8/4/1998	Sugihara et al.	
		US- 5,799,671	9/1/1998	Takimae	
		US- 5,848,599	12/15/1998	Todd	
		US- 5,891,473	4/6/1999	Stanier	
		US- 5,934,293	8/10/1999	Kaizuka	
		US- 5,935,483	8/10/1999	Kong	

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		GB 1210385	10/28/1970	Muntz		
		GB 2301772 A	12/18/1996	Tokyo Biox Corp		
		EP 0927544 B1	7/7/1999	Altshuler, Grigory, Borisovich		
		JP 03241025	10/28/1991	J Pll U:KK		
		JP 03250088	11/7/1991	Toshio		
		JP 956472	3/4/1997			

Examiner Signature		Date Considered	2/6/06

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Sheet 3 of 4

Complete if Known	
Application Number	10/680,011
Filing Date	October 6, 2003
First Named Inventor	Kazutoshi Kaizuka
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	45144-00049

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		US- 5,987,688	11/23/1999	Roberts et al.	
		US- 6,029,277	2/29/2000	Picchione, II	
		US- 6,029,356	2/29/2000	Sprinkle	
		US- 6,105,261	8/22/2000	Ecer	
		US- 6,205,674	3/27/2001	Kaizuka	
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		JP 09121996	5/13/1997	Beam Kogoyo KK		
		JP 11056425	3/2/1999	Yoshida Kogyo:KK		
		JP 2000-128750	5/9/2000	Seniru Laboratories Co.		
		JP 2001288679	10/19/2001	Toray Ind Inc.		
		JP 2002-313855	10/25/2002			
		JP 63150011	6/22/1988	Daiyu Shoji KK		

Examiner Signature		Date Considered	7/6/04

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Sheet 4 of 4

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First Named Inventor	Kazutoshi Kaizuka
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	45144-00049

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		US-			
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		JP 63238808	10/4/1988	Maeda Nobuhide		
		RU 2108299	4/10/1998	Georgievich		
		WO 02/058449 A2	8/1/2002	Hydro Enterprises		
		WO 02/058449 A3	8/1/2002	Hydro Enterprises		
		KR 0117366	7/18/1996	Kaisuke		

Examiner Signature		Date Considered	2/9/06

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Sheet 1 of 1

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Application Number	10/680,011
Filing Date	October 6, 2003
First Named Inventor	Kazutoshi Kaizuka
Art Unit	3736
Examiner Name	John P. Lacyk
Attorney Docket Number	45144-00049

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
JL		SAKAMOTO, et al., Effect of a Toothbrush with Ion-coated Nylon Filaments on Gingival Tissue in Dogs and Dental Plaque Accumulation in a Man, 2002, pp. 221-228, J. Dent. Hlth. 52; Okayama Univ. School of Medicine, Japan	
JL		WATANABE, et al., A Clinical Study to Evaluate the Effectiveness of a Multi-mineral Nylon Abrasive Filament (NAF) Toothbrush; pp. 1-12, Okayama University School of Medicine, Japan	

Examiner Signature		Date Considered	2/9/06

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